



VTA1 mouse mAb

Catalog No	YP-mAb-09084
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	VTA1 C6orf55 HSPC228 My012
Protein Name	VTA1
Immunogen	Synthesized peptide derived from human VTA1 AA range: 207-257
Specificity	This antibody detects endogenous levels of VTA1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1 : 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Calculated Molecular Weight	34kD
Observed Band	
Cell Pathway	Cytoplasm . Endosome membrane ; Peripheral membrane protein .
Tissue Specificity	
Function	function:Involved in the endosomal multivesicular bodies (MVB) pathway. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. Thought to be a cofactor of VPS4A/B, which catalyzes disassembles membrane-associated ESCRT-III assemblies. Involved in the sorting and down-regulation of EGFR (By similarity). Involved in HIV-1 budding.,similarity:Belongs to the VTA1 family.,subunit:Interacts with VPS4B. Interacts with CHMP1B. Interacts with CHMP2A; the interaction probably involves the open conformation of (polymerized) CHMP2A. May interact with CHMP3. Interacts with CHMP5; the interaction involves soluble CHMP5. Interacts with IST1.,



Background

C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes (Ward et al., 2005 [PubMed 15644320]).[supplied by OMIM, Mar 2008],

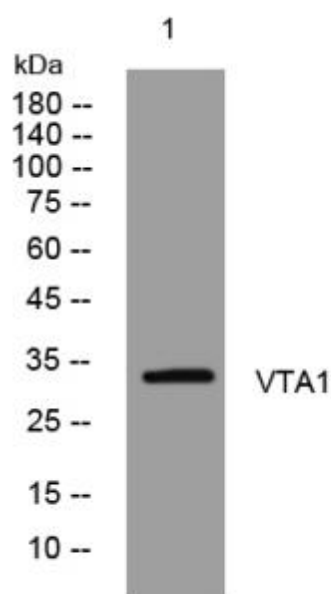
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night